

111-50-10750-2042 TRIBUTARY 1 ADDITION

Stream: 111-50-10750-2042 Tributary 1

Watershed: Admiralty Island-Frontal Lynn Canal

MTRS: C041S066E, Juneau B-2

Date Surveyed: September 11, 2013

Findings: We surveyed this uncataloged tributary to stream 111-50-10750-2042 (Table 1). We had visual observations on spawning pink salmon in the lower section of the creek and caught coho salmon (Figure 1) using an electrofishing unit in the upper section. We ended this survey at a 15-20% narrow bedrock cascade gradient barrier (Figures 2 and 3).

Recommendations: Add this stream to the AWC.

Table 1.– 111-50-10750-2042 tributary 1 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
721	58.2708	-134.6487	Tributary on river right. Equal flows.		
726	58.2706	-134.6486		VI	P spawn
727	58.2697	-134.6479	In tributary of Peterson Creek.	EF	1 CO - 70 mm
728	58.2696	-134.6478	Big smolty CO in tannic pool.	EF	1 CO - 75 mm
729	58.2695	-134.6478			1 CO - 60 mm, 1 CT - 75 mm
730	58.2693	-134.6478	Undercut bank.	EF	1 CO 75 mm
731	58.2691	-134.6478	Two huge smolts in deep foaming pool.	EF	2 CO - 60, 85 mm
732	58.2690	-134.6476	Tributary on river left, heading up.		
736	58.2689	-134.6476	Back at confluence, heading up main branch.		
737	58.2689	-134.6473	At base of tiny rooty cascade in deep pool.	EF	1 CO - 65 mm
738	58.2689	-134.6472	In rooty pool.	EF	1 CO - 50 mm
739	58.2689	-134.6469	At base of narrowing cascade.	EF	1 CO
740	58.2688	-134.6467	In pool on cascade. This is a 15-20 % gradient barrier, rooty bedrock.	EF	1 DV - 45 mm
741	58.2688	-134.6467	In cascade falls.	EF	1 CT - 65 mm
742	58.2689	-134.6466	Above cascade falls.		



Figure 1.– Coho salmon caught in 111-50-10750-2042 tributary 1.

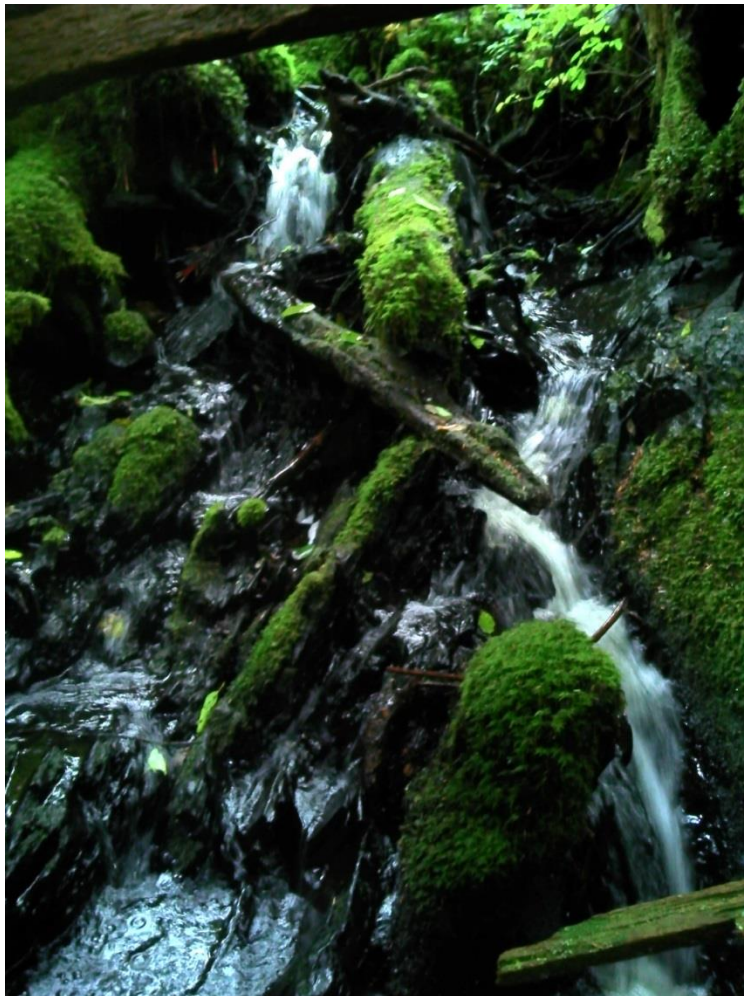


Figure 2.–Cascade barrier on 111-50-10750-2042 tributary 1.

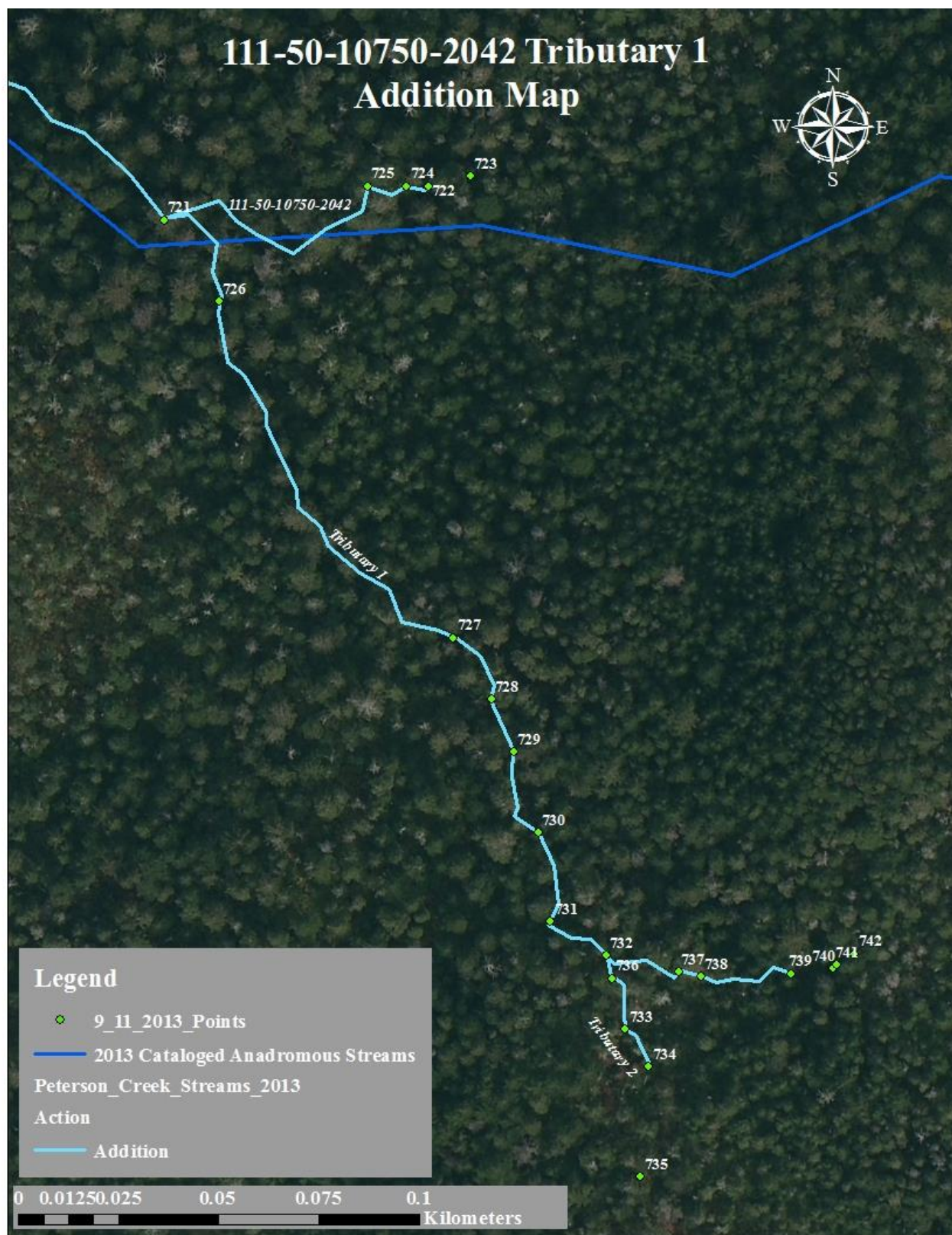


Figure 3.— 111-50-10750-2042 tributary 1 addition map.